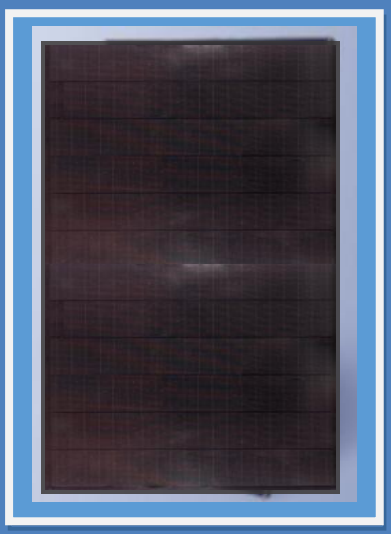
Bi-Glass Full Black-300 W

MONOCRYSTALLINE SOLAR MODULE

Great Reliability and High Power Output



S'TILE

A new Concept of Photovoltaic Solar Modules

Innovative Technology

Our Gi-Glass Module uses the innovative i-Cell technology. The design of Linea Module is an advance in module innovation. We teamed with renowned institutes and manufacturers to develop process and build advanced equipment to fabricate PV modules delivering high performance that guarantees a fast return of investment

60 Cell Equivalent

MONOCRYSTALLINE MODULE

300 -350 W

POWER OUTPUT RANGE

CERTIFICATION

certisolis
TEST - CERTIFICATION PHOTOVOLTAÏQUE

MADE IN FRANCE
FABRICATION FRANÇAISE

Features

Power Gain

The Module design reduces to zero the electrical resistance losses that allowing power gain compared to classical PV modules.

Great Aesthetics

No Visible Copper Busbar in front side
Custom fingers design available

High Reliability

All modules must pass EL inspection

Improved shade performance due to sophisticated internal design of module

Made in France

Great BOS Cost Saving

High efficiency modules resulting to the reduction of surface needed and to the investment on Balance Of Systems, BOS

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Electrical Characteristics

MODULE RATINGS AT STANDARD TEST CONDITIONS (1000 W/m², AM 1.5, 25°C			
Electrical DATA @ STC	**Linea 300 W**	**Linea 305 W**	**Linea 310 W**
Nominal Power at STC (Pmp/W)	303	306	310
Power OutPut Tolerance (%)	0/+5	0/+5	0/+5
Short Circuit Current (Isc /A)	9,36	9,41	9,48
Open Circuit Voltage (Voc /V)	41,04	41,23	41,48
Maximum Power Current (Imp/A)	8,88	8,94	9,02
Maximum Power Voltage (Vmp/V)	34,12	34,24	34,43

RATINGS AT NOMINAL OPERATING CELL TEMPERATURE OF 45°C (800 W/m². 20°C. AM 1.5. 1m/s wind speed)			
Electrical DATA @ NOCT	**Linea 300 W**	**Linea 305 W**	**Linea 310 W**
Nominal Power at STC (Pmp/W)	241	244	247
Short Circuit Current (Isc /A)	7,48	7,52	7,58
Open Circuit Voltage (Voc /V)	40,87	41,05	41,30
Maximum Power Current (Imp/A)	7,11	7,15	7,21
Maximum Power Voltage (Vmp/V)	33,97	34,10	34,28

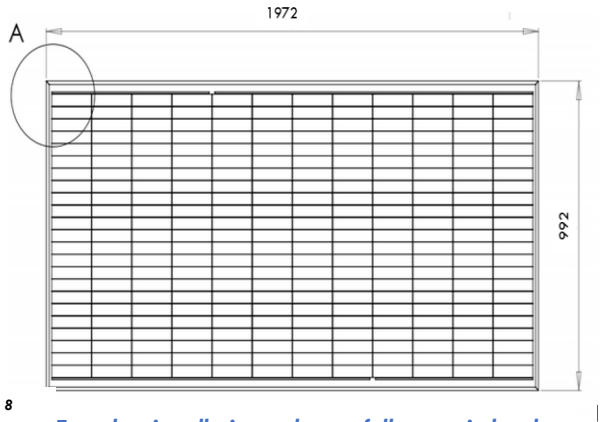
Temperature Characteristics

Nominal Operating Temperature	45±2°C
Temperature Coefficient of Pmax	-0.40 %/°C
Temperature Coefficient of Voc	-0.32 %/°C
Temperature Coefficient of Isc	+0.064 %/°C

Maximum Ratings

Operating temperature (°C)	-40 to +85
Maximum series Fuse IR	15 A
Maximun System Voltage	1000 V
Maximum load	2400 Pa
Max Reverse Current	25 A
Fire classification (Europe)	C

Mechanical Parameters



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For the installation, please follow strictly the recommendations in the assembly instructions notice for S'Tile Bi-Glass modules/Revision 30th 2018

Solar cells	Monocrystalline
Number of strings	12
Junction Box	IP67-3xDiodes
Output Cable	4mm², 1000mm inlenght
Connector	PV4
Modules Dimensions	1972x992x10 mm
Weight	50 kg
Double Glasses	Double Tempered Glass-8.0 mm
Frame	No
Package	15 pcs per Pallet

Note ! *Specifications subject to change without notice*

Certification

IEC 61215 - ed2
IEC 61730 - ed1
Certisolis certification

Warranty

Product Warranty	5 years
Output Warranty of Pmax	Linear Warranty[1]

[1] 10-Year Extendable Warranty

[2] The linea Module warranted to deliver in 1st year. 97%, then decline to by 0.6% annual degradation, ending 82 % for 25 years